



Client: Level (3) Communications

Project: Newtown, PA to Newark, NJ

Location: Newtown, Pennsylvania to Newark, New Jersey

Project Description

This two year, 56-mile project from Newtown, PA to Newark, NJ crossed 14 bridges (including the Delaware, Raritan, Rahway, and Elizabeth Rivers), required review and permitting from 15 townships, 4 counties, and 2 states, crossed 14 railroads (including Conrail, NJ Transit, and Amtrak), and necessitated the review of 9 environmental and historic state agencies. The bulk of the permitting was completed within the first four months of the project. The final routing alignment utilized the NJ State Route 1 corridor to achieve its goal of linking the Washington D.C. backbone with the Connecticut backbone. Matrix Design Group was responsible for project management and administration, utility data collection and verification, conceptual/preliminary/and final running line design, directional drill design, ROW permitting, environmental investigation and permitting, bridge attachment design and permitting, rail crossing design and permitting, and the development of construction and final bid documents.

About Matrix Design Group

Serving all landscapes across the country, we specialize in fiber optic network deployments and complete broadband solutions. Our goal is to enable communities, cooperatives, municipalities, and utilities the ability to provide best-in-class broadband communications networks. From feasibility studies, budgeting and underground conduit and aerial cabling, to bridge crossings and outside plant construction, we provide everything from concept to completion.

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